7. (Amended) A process for preparing a crystalline form of atorvastatin calcium and hydrates thereof of either of claims 3 or 5, comprising the steps of

a) dissolving a metal, ammonium or alkylammonium salt of atorvastatin in a solvent to form an atorvastatin salt solution

b) contacting the atorvastatin salt solution with a calcium salt, and

c) isolating the crystalline form of atorvastatin calcium or hydrate thereof.

12. (Amended) A process for preparing a crystalline form of atorvastatin calcium or hydrate thereof of either of claims 3 or 5 comprising the steps of

a) dissolving atorvastatin calcium in a solvent selected from the group consisting of tetrahydrofuran and hydroxylic solvents to form an atorvastatin calcium salt solution,

b) adding water to the atorvastatin calcium salt solution, and

c) isolating the crystalline form of atorvastatin calcium hydrate thereof.

Please add the following new claims.

17. (New) Atorvastatin calcium form V and hydrates thereof characterized by x-ray powder diffraction peaks at about 5.5 and 8.3 +/- 0.2 degrees 2θ and ^{13}C NMR signals at about 21.9, 25.9, 118.9, 122.5, 128.7, 161.0 and 167.1 ppm.

18. (New) A method of making atorvastatin calcium form V and hydrates thereof comprising the steps of:

a) dissolving a metal, ammonium or alkylammonium salt of atorvastatin in a solvent to form an atorvastatin salt solution

b) contacting the atorvastatin salt solution with a calcium salt, and

c) isolating atorvastatin calcium Form V or hydrate thereof.

19 (New) A method of making atorvastatin calcium form V comprising the steps of:

a) dissolving atorvastatin calcium in a solvent selected from the group consisting of tetrahydrofuran and hydroxylic solvents to form an atorvastatin calcium salt solution,

b) adding water to the atorvastatin calcium salt solution, and

c) isolating the atorvastatin calcium Form V or hydrate thereof.